

## PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	HClO4, HNO3 and HCL are all strong acids in aqueous solution inglacial acetic acid medium, their acid strength is such that.	A. HCIO4 > HCL > HNO3 B. HNO3 > HCIO4 > HCI C. HCl > HCIO4 > HNO3 D. HCl > HCIO4 > HNO3
2	The most reactive alkali metal among the following is	A. Li B. Na C. Cs D. Rb
3	Ground state electronic configuration of valence shell in N2 m lecule is written as (a2s)2, (o*2s)2, (pi sp)4, (o2p)2, Hence, the bond order of N2 molecule is.	A. 1 B. 2 C. 3 D. 0
4	Used in Geiger counter to detect radioactivity	A. He B. Ne C. Ar D. Kr
5	Carbon tetra chloried has no net dipole moment because of.	A. Its planar strcture.     B. Its regular tetrahedral structures.     C. Similar sizes of carbon and chlorine atoms     D. Similar electron affinities of carbon and chlorine.
6	Variable electrovalency is due to the following reasons.	A. Unstable configuration of core     B. Inset electron pair effect     C. All of above     D. None of above
7	Is a peroxy acid	A. H2SO5 B. H2S2O6 C. H2SO4 D. H2S2O7
8	The noble gases are found in the atmosphere to the extent of about some percent by volume.	A. 0.5% B. 1.0% C. 1.5% D. 2.0%
9	Which element amongst the following has the highest boiling point.	A. Na B. Mg C. Ca D. K
10	Stainless steel contains	A. Fe+Cr+Ni B. Fe+Ni+Cu C. Fe + Cr+ Cu D. Cu + C + Ni
11	Pick out the ideal conditions needed for the manufacture of H2SO4 by contact process.	A. Low temperature high pressure and high concentration of reactants B. Low temperature, low concentration of reactants and low pressure C. High temperature high pressure and high concentration of reactants D. Low temperature, low pressure and high concentration of reactants.
12	Ferrochrum contains Cr up to	A. 60-70% B. 70-80% C. 80-90% D. 40-50%
13	Metallic magnesium is obtained by	A. Reduction of MgO with Coke     B. Electrolysis of an aqueous solution     of MgCl2     C. Electrolysis of molten MgCl2     D. Displacement of magnesium by     iron form MgCl2 solution.
		A. Mn

14	Which show maximum number of oxidation states in 3d series.	B. NI C. Co D. Zn
15	Which of the following is soluble in water.	A. AgF B. AgCl C. AgBr D. Ag I
16	The most electronegative element of the third period is.	A. F B. P C. Br D. Cl
17	Which of the following statements is not true about potash alum.	A. Its empirical formula is KAI (SO4)2 12H2O B. Its aqueous solution is basic in nature C. It is used in dyeing industry D. On heating it melts in its water of crystallization
18	The formula of borax glass is.	A. Na2B4O7 10H2O B. Na2B4O7 5H2O C. Na B4 O7 D. None of above
19	Phosphorus has the oxidation state of +3 in	<ul><li>A. Orthophosphoric acid</li><li>B. Hypophosphoric acid</li><li>C. Metaphosphoric acid</li><li>D. Orthophosphorus acid</li></ul>
20	Which of the following represents the correct order of ionic radii	A. La+ < Na+ < K+ < Rb+ B. Li+ > Na + > K+ > Rb+ C. Li = Na + = K+ = Rb+ D. Rb +> Na+> K+ > Li+